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RI/DPD

DPD 3991-62

16 JUL 1962

MEMORANDUM FOR : Chief, Development Division, OSA

SUBJECT : Twin-Turbine Gear Box and Power Package for  
STOL Aircraft ApplicationREFERENCE : A. Memorandum, Subject: Letter of Transmittal, dated  
30 March 1962 (DPD 2148-62) with attachment (ref B below)  
  
B. Memorandum, Subject: Proposal for a Twin-Turbine  
Powered STOL Aircraft (DPD 2113-62) (ref A above)

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1. In accordance with earlier discussions between [ ] of this office, and [ ] and Mr. Parangosky (DD/OSA), and in accordance with the above referenced memorandum, this memo verifies the requirement for development of the subject Twin-Turbine gear box and power package.

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2. The study submitted by [ ] promises considerable increase in potential of the present line of Agency Short Take-off and Land (STOL) aircraft; ie, increased range, payload, speed, and STOL capabilities. This is particularly interesting since other approaches to this problem have always resulted in a gain in one capability while the remaining capabilities were reduced considerably.

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3. Attached are copies of some of the latest information received on [ ] progress with the various models of the T-63 engine. Mr. [ ] was for use with the T-63A-3 version. It should be noted that the prototype engines will cost an estimated \$32,000 each. Perhaps we can borrow two from Wright-Patterson or [ ]

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4. It is recommended that the earliest possible go-ahead be given for development of such a gear-box. This program should be designed to provide a certificated final product at the earliest practical date, with the least time and dollars consumed for prototype or experimental models. Since the end product will be married to the T-63 engine and subsequently to the [ ] it is also recommended that [ ]

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[ ] be brought into the picture very early as consultants on pertinent matters. [ ] of this office will monitor this project from an operational aspect and will assist in every way possible.

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Acting Chief, Air Support Branch, DPD

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ASD/DPD/ [redacted]

13 July 1962

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